

CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method, comprising:
determining at least two presence rules ~~one presence rule~~, wherein each ~~the~~ presence rule comprises at least a condition and a state~~[[;]]~~, wherein a first ~~the~~ condition is based on a location of a ~~[[the]]~~ mobile device, and wherein a second condition is based on a calendar;
based upon a current time and a current location of the mobile device, determining whether the conditions are ~~condition is~~ met; and
~~the location is determined using a hotspot access point with which the mobile device communicates; and~~
when either or both of the conditions are ~~condition is~~ met, updating presence information for the ~~[[a]]~~ mobile device with the corresponding states ~~state~~.
2. (Currently Amended) The method of claim 1, wherein the current location is determined using a hotspot-access point with which the mobile device communicates ~~the condition is based on time~~.
3. (Canceled)
4. (Currently Amended) The method of claim 1, wherein the current location is determined using a Global Positioning System.
5. (Currently Amended) The method of claim 1, wherein the current location is determined using a cell-based radio network.
6. (Canceled)

7. (Currently Amended) A server, comprising:
presence information; and
a controller to determine at least two presence rules ~~a presence rule~~ for a mobile device, wherein each presence rule comprises at least a condition and a state, wherein a first condition is based on a location of the mobile device, and wherein a second condition is based on a calendar; to determine whether the conditions are met, based upon a current time and a current location of the mobile device; and, when either or both of the conditions are met, to update presence information for the mobile device with the corresponding states ~~the presence rule comprises a condition, the condition is based on a location of the mobile device, and a corresponding state, using a hotspot access point with which the mobile device communicates, and to update the presence information with the corresponding state when the condition is met.~~
8. (Currently Amended) The server of claim 7, wherein the controller is to determine the current location using a hotspot access point with which the mobile device communicates ~~the condition is based on a calendar.~~
9. (Currently Amended) The server of claim 7, wherein the controller is to determine the current location of the mobile device.
10. (Currently Amended) The server of claim 9, wherein the controller is to determine the current location using a Global Positioning System ~~the condition is based on the location.~~
11. (Currently Amended) The server of claim 7, wherein the server is further to use ~~further~~ ~~uses~~ the presence information in an instant-messaging system.

12. (Currently Amended) A mobile device, comprising:
a controller to determine a current location of the mobile device ~~using a hotspot access point with which the mobile device communicates~~[[,]]; to determine at least two presence rules for the mobile device, wherein each presence rule comprises at least a condition and a state, wherein a first condition is based on a location of the mobile device, and wherein a second condition is based on a calendar; to update presence information based on the current location and the current time[[,]] and to send the presence information to a server.
13. (Currently Amended) The mobile device of claim 12, wherein the controller is to determine the current location using a hotspot-access point with which the mobile device communicates ~~further is to update the presence information based on a condition and a corresponding state, wherein the condition comprises the location.~~
14. (Currently Amended) The mobile device of claim 13, wherein the controller is further to update the presence information with the corresponding states when either or both of the conditions are met ~~state when the condition is met.~~
15. (Original) The mobile device of claim 12, wherein the presence information comprises reachability information.
16. (Original) The mobile device of claim 15, wherein the reachability information comprises an identification of an instant-messaging system to which the mobile device is connected.
17. (Original) The mobile device of claim 15, wherein the reachability information comprises an identification of a cellular network to which the mobile device is connected.

18. (Currently Amended) A signal-bearing medium comprising instructions, wherein the instructions when read and executed by a processor comprise:

determining at least two presence rules for a mobile device, wherein each presence rule comprises at least a condition and a state, wherein a first condition is based on a location of a mobile device, and wherein a second condition is based on a calendar;

based upon a current time and a current location of the mobile device, determining whether the conditions are met; and

when either or both of the conditions are met, updating presence information for the mobile device with the corresponding states

~~determining a presence rule for a mobile device, wherein the presence rule comprises a condition and a corresponding state, the condition is based on a location of the mobile device;~~

~~determining when the condition is met;~~

~~using a hotspot access point with which the mobile device communicates; and~~

~~sending the corresponding state to a presence server when the condition is met.~~

19. (Currently Amended) The signal-bearing medium of claim 18, wherein determining the presence rules ~~rule~~ further comprises querying ~~a user of~~ the mobile device for the presence rules ~~rule~~.

20. (Currently Amended) The signal-bearing medium of claim 18, wherein determining the presence rules ~~rule~~ further comprises loading the presence rules ~~rule~~ from a server.

21. (Currently Amended) The signal-bearing medium of claim 20, wherein the corresponding states ~~state~~ is selected from a group consisting of available, not available, busy, and do not disturb.

22. (Currently Amended) An apparatus, comprising:
a presence server, including comprising:
presence information,
a location database comprising locations of a plurality of mobile devices, and
a controller to find the current locations of the plurality of mobile devices ~~from~~
~~hotspot-access points to which the mobile devices are connected;~~ to determine at least
two presence rules for selected ones of a plurality of presence rules for the plurality of
mobile devices, wherein each of the presence rules comprises respective conditions and
respective corresponding states; [[,]] and to update the presence information with the
respective corresponding states when the respective conditions are met.
23. (Currently Amended) The apparatus of claim 22, wherein the controller is further to
obtain the locations from the mobile devices from hotspot-access points to which the mobile
devices are connected.
24. (Canceled)
25. (Currently Amended) The apparatus of claim 22, wherein the location database further
comprises a mapping of coordinates to current locations of the plurality of mobile devices.
26. (Currently Amended) The apparatus of claim 22, wherein the presence information
further comprises reachability information for the mobile devices ~~device~~.
27. (Original) The apparatus of claim 22, further comprising the plurality of mobile devices.